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COLD STORAGE PLANT BEGINS OPERATION;
FACTORY TO PRODUCE ROENTGEN FILM

COLD-STORAGE PLANT LOCATED NEAR BRCKO -- Zagreb, Borba, 23 Apr 52

A cold-storage plant for agricultural products, the first of its type in Yugoslavia, has been erected on the Sava River, not far from Brcko. The plant was constructed by the "Tehnika" Republic Construction Enterprise (Zemaljsko Gradevinsko Poduzece "Tehnika"), which is constructing the Lukavac Coke Plant (Koksara u Lukavcu); equipment was installed by the "Rade Koncar" Factory (Tvornica "Rade Koncar") in Zagreb.

The cold-storage plant is especially important to eastern Bosnia, which is noted for its fruit growing, especially plums. The plant will be able to refrigerate more than 200 carloads of agricultural products, such as plums, apples, pears, meat, dairy products, eggs, poultry, etc.

The cold-storage plant has 20 refrigerating sections, with differing temperatures in each. Meat and products requiring deep freezing are to be frozen for 24 hours in a section where the temperature is 45 degrees below zero and then transferred to a warehouse, where the temperature is 20 degrees below zero, from where they will be shipped.

About 34 workers who are to be employed in the plant will wear special clothing for protection against extremely low temperatures.

An ice plant with a daily production of about 30 tons of ice blocks, each weighing about 16 kilograms, has been constructed in the cold-storage plant. Two workers are to operate the ice plant, which is to produce for consumer use also.

Standard-gauge railroad tracks have been laid to the cold-storage plant, and a large pumping station is being built at the plant site. A water purifier is being constructed, which is to be put in trial operation in the near future.

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All work is in its final phases, so the cold-storage plant is to be put in trial operation in the last half of May. The first agricultural products are to be stored in the plant in June.

FILM TESTS SATISFACTORY -- Zagreb, Vjesnik, 12 Apr 52

Research was begun more than 2 years ago on the production of domestic roentgen film. At that time, Engr Dr Maks Plotnikov, chief of the research department of the "Fotokemika" Factory (Tvornica "Fotokemika"), who had some previous general experience in work with photographic film, began to work on photographic emulsions for the production of roentgen film.

At the beginning of 1952, tests were continued in the laboratories of the "Fotokemika" Factory and in the laboratory of the former Section for Scientific Research. The latter has recently been merged with the factory, as it is to do the same sort of research as the "Fotokemika" Factory. Dr Plotnikov, Engr Vladimir Jakobovic, and other experts have worked out the present method of producing roentgen film and have produced it in the laboratory under the designation FRP-2 film.

Practical tests on this film have been made by the X-ray Section of the Bureau for Social Security (Zavod Za Socijalno Osiguranje). The film was tested in comparison with Agfa film and the results were very satisfactory. Domestic roentgen film was found to be almost twice as sensitive as Agfa film; the contrasts were found to be much greater than in film purchased abroad. These properties make its use possible in X-ray photography with fluorescent foil.

Experimental film is to be placed on sale this week. It is estimated that the "Fotokemika" Factory will be able to satisfy domestic needs for roentgen film.

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